

PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if KnownApplication Number **104573239**

Filing Date	March 22, 2006
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First Named Inventor	Artemi MARTSINOVSKY
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Art Unit

Examiner Name _____

Attorney Docket Number	12096.PCT.US
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Sheet	1	of	2
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Examiner Signature	/Jay Kim/	Date Considered	03/14/2008
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Sheet	2	of	2	Attorney Docket Number	12096.PCT.US

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/J.K./		KOROTKOV et al., "Possible cooling by resonant Fowler-Nordheim emission", Applied Physics Letters, 18 October 1999, pp. 2491-2493, Vol. 75 No. 16, American Institute of Physics, USA.	
/J.K./		CUTLER et al., "New Results on Microelectronic Cooling Using the Inverse Nottingham Effect. Low temperature Operation and Efficiency", Electrochemical Society Proceedings, November 2000, pp. 99-111, Volume 2000-28, Electrochemical Society, USA.	
/J.K./		HISHINUMA et al., "Refrigeration by combined tunneling and thermionic emission in vacuum: Use of nanometer scale design", Applied Physics Letters, 23 April 2001, pp. 2572-2574, Vol. 78 No. 17, American Institute of Physics, USA.	
/J.K./		HISHINUMA et al., "Vacuum thermionic refrigeration with a semiconductor heterojunction structure", Applied Physics Letters, 25 November 2002, pp. 4242-4244, Vol. 81 No. 22, American Institute of Physics, USA.	
/J.K./		HISHINUMA et al., "Measurements of cooling by room-temperature thermionic emission across a nanometer gap", Applied Physics Letters, 1 October 2003, pp. 4690-4696, Vol. 94 No. 7, American Institute of Physics, USA.	

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